

What Is Claimed Is:

1. A sheet roll, comprising:  
a sheet rolled in a tubular manner to form a  
hollow portion therein; and  
a target disposed in the hollow portion.

2. The sheet roll of claim 1, further comprising  
a core tube disposed in the hollow portion, wherein  
the sheet is rolled round the core tube, and  
wherein the target is located in the core tube.

3. The sheet roll of claim 1, wherein the target  
is colored.

4. The sheet roll of claim 1, wherein the target  
has an opening formed therein.

5. The sheet roll of claim 1, wherein a position  
of the target is measured by a target position  
measuring device, and wherein a type of the sheet  
roll is discriminated by a discrimination device in  
accordance with positional information on the  
target provided by the target position measuring  
device.

6. The sheet roll of claim 1, wherein a color of  
the target is measured by a target color measuring  
device, and wherein a type of the sheet roll is

4 discriminated by a discrimination device in  
 5 accordance with color information on the target  
 6 provided by the target color measuring device.

1 7. A sheet roll discrimination device for  
 2 discriminating a type of a sheet roll, comprising:

3 a target position measuring device which  
 4 measures a position of a target which is disposed  
 5 in a hollow portion formed in a sheet roll; and

6 a discrimination device which discriminates a  
 7 type of the sheet roll in accordance with  
 8 positional information on the target provided by  
 9 the target position measuring device.

1 8. The sheet roll discrimination device of claim  
 2 7, wherein the target position measuring device  
 3 includes an ultrasonic distance measuring device.

1 9. The sheet roll discrimination device of claim  
 2 7, wherein the target position measuring device  
 3 includes a photoelectric distance measuring device.

1 10. The sheet roll discrimination device of claim  
 2 7, wherein the target position measuring device  
 3 includes a contact type distance measuring device.

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11. The sheet roll discrimination device of claim 7, wherein the sheet roll comprises a sheet rolled in a tubular manner to form the hollow portion.

12. The sheet roll discrimination device of claim 11, wherein the sheet roll further comprises a core tube disposed in the hollow portion, wherein the sheet is rolled round the core tube, and wherein the target is located in the core tube.

13. The sheet roll discrimination device of claim 11, wherein the target has an opening formed therein.

14. A sheet roll discrimination device for discriminating a type of a sheet roll, comprising:

a target color measuring device which measures a color of a target which is disposed in a hollow portion formed in a sheet roll; and

a discrimination device which discriminates a type of the sheet roll in accordance with color information on the target provided by the target position measuring device.

15. The sheet roll discrimination device of claim 14, wherein the sheet roll comprises a sheet rolled in a tubular manner to form the hollow portion.

1 16. The sheet roll discrimination device of claim  
2 15, wherein the sheet roll further comprises a core  
3 tube disposed in the hollow portion, wherein the  
sheet is rolled round the core tube, and wherein  
the target is located in the core tube.

1 17. The sheet roll discrimination device of claim  
2 15, wherein the target has an opening formed  
3 therein.

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